

Program to implement record of 5 students in 3 semesters and 3 tests per sem. and display the records

```
import java.io.*;

class std_rec

{

public static void main(String arg[])

{

int a[][][]=new int[3][3][3];

int i,j,k;

DataInputStream ins=new DataInputStream(System.in);

for(i=0;i<3;i++)

{

System.out.println("Enter details of student "+(i+1));

for(j=0;j<3;j++)

{

System.out.println("\tFor semester "+(j+1));

for(k=0;k<3;k++)

{

try

{

System.out.print("\t\tEnter marks for subject "+(k+1)+" :");

a[i][j][k]=Integer.parseInt(ins.readLine());

}

catch(IOException e)

{ }

}

}

}

}
```

```
    }
    System.out.println("\n");
}
System.out.print("\n");
for(i=0;i<3;i++)
{
    System.out.println("DETAILS OF STUDENT "+(i+1));
    for(j=0;j<3;j++)
    {
        System.out.println("\tFor semester "+(j+1));
        for(k=0;k<3;k++)
            System.out.println("\t\tMarks in Subject "+(k+1)+": "+a[i][j][k]);
    }
    System.out.println("\n");
}
}
}
```

Output:

```
DETAILS OF STUDENT 1
For semester 1
  Marks in Subject 1: 4
  Marks in Subject 2: 50
  Marks in Subject 3: 43
For semester 2
  Marks in Subject 1: 23
  Marks in Subject 2: 12
  Marks in Subject 3: 34
For semester 3
  Marks in Subject 1: 11
  Marks in Subject 2: 54
  Marks in Subject 3: 32
```

```
DETAILS OF STUDENT 2
For semester 1
  Marks in Subject 1: 32
  Marks in Subject 2: 34
  Marks in Subject 3: 65
For semester 2
  Marks in Subject 1: 12
  Marks in Subject 2: 34
  Marks in Subject 3: 43
For semester 3
  Marks in Subject 1: 32
  Marks in Subject 2: 6
  Marks in Subject 3: 5
```

```
DETAILS OF STUDENT 3
For semester 1
  Marks in Subject 1: 43
  Marks in Subject 2: 32
  Marks in Subject 3: 45
For semester 2
  Marks in Subject 1: 34
  Marks in Subject 2: 45
  Marks in Subject 3: 56
For semester 3
  Marks in Subject 1: 76
  Marks in Subject 2: 54
  Marks in Subject 3: 56
```

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